

**Environmental Restoration (ER) Project
Cerro Grande Fire
Accelerated Action Information Sheet**

**Potential Release Site (PRS) 02-004(e)
Reactor Acid Pit**

Technical Area (TA)-2, located in Los Alamos Canyon, housed several reactors, including the Omega West and Water Boiler Reactors. The reactors were shutdown, removed from the nuclear facilities list, and placed into the Laboratory's Decontamination and Decommissioning (D&D) program.

PRS History: PRS 02-004(e) consists of an underground concrete pit containing pumps and valves through which radioactive wastes from the Omega West Reactor underground storage tanks [PRSs 02-004(b), (c), and (d)] were directed to waste lines and transported to TA-50 for treatment.

PRS 02-004(e) is not listed on the Hazardous and Solid Waste Amendments module to the Laboratory's Hazardous Waste Facility permit. The ER Project has not proposed the site for no further action. There are no indications of residual risk at the site.

Issues of Concern: The area upstream of PRS 02-004(e) burned during the Cerro Grande fire. The intensity of upstream burn was low to moderate. There is little potential for erosion. The site does not contain debris that could enter the flood watercourse. There are no longer any structures at the site that could interfere with or be impacted by flood mitigation efforts.



Accelerated Action Status: PRS 02-004(e) was evaluated after the Cerro Grande fire. Personnel from the ER Project and the D&D Group removed the acid pit and collected verification samples in June 2000 as part of the accelerated action process. The data has not yet been validated or reviewed.

Related Documents:

"Solid Waste Management Units Reports," Vol. I of IV (TA-0 through TA-9) LANL Report LA-UR-90-3400, revised November 1990.

"RFI Work Plan for Operable Unit 1098 (TA-2, 41)," LANL Report LA-UR-92-3825, June 1993.